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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/595,582	06/15/2000	Richard L. Kaylor	10992361-1	9981

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EXAMINER

PHAN, RAYMOND NGAN

ART UNIT	PAPER NUMBER
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2111

DATE MAILED: 04/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/595,582

Applicant(s)

KAYLOR, RICHARD L.

Examiner

Raymond Phan

Art Unit

2111

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 14 February 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,2,5-12 and 15-20 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,2,5-12 and 15-20 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

**Part III DETAILED ACTION**

***Notice to Applicant(s)***

1. This action is responsive to the following communications: amendment filed on Feb 14, 2005.
2. This application has been examined. Claims 1-2, 5-9, 10-12, 15-20 are pending.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. § 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-2, 5-12, 15-19, 20 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Ito et al. in view of Luse et al. (US No. 5,602,854).

In regard to claims 1, 11, Ito et al. disclose a method comprising the step of maintaining printing device control information in a wireless communication device (i.e. digital camera) (see figure 2) having a wireless communication interface (see col. 19, line 61 through col. 20, line 3), the printing device control information including network configuration information associated with a printing device and a network that is operatively coupled to the printing device (see col. 21, lines 20-46); and selectively transmitting the printing device control information to at least printing device and wherein the wireless communication interface is not part of the network (see col. 21, lines 20-45). But Ito et al. do not disclose wherein the network configuration information includes a unique network address of the printing device for use in the network. However Luse et al. disclose the transmitting of the network configuration information

includes a unique network address of the printing device for use in the network (see col. 5, lines 11-35). Therefore, it would have been obvious to a person of an ordinary skill in the art at the time the invention was made to have combined the teachings of Luse et al. into the teachings of Ito et al. because it would provide a wireless personal local area network for computer terminals and peripheral devices which is low cost, reliable and convenient to use.

In regard to claims 2, 12, Ito et al. disclose further comprising the step of causing the printing device to operatively respond to the printing device control information (see col. 21, lines 20-46).

In regard to claim 6, Ito et al. disclose wherein transferring the wireless communication device control interface is configured to carry at least one signal selected from a group of signals comprising a radio frequency and infrared signals (see col. 8, lines 38-65).

In regard to claims 7, 17, Ito et al. disclose wherein the communication link is further configured to provide bi-directional communication between the wireless communication device and the printing device (see col. 9, lines 9-66).

In regard to claims 8, 18, Ito et al. disclose wherein maintaining the printing device control information in the wireless communication device further includes receiving the printing device control information through the user interface portion of the wireless communication device (see col. 9, lines 9-66).

In regard to claims 10, 20, Ito et al. disclose a method comprising the step of maintaining printing device control information in a wireless communication device (i.e. digital camera) (see figure 2) having a wireless communication interface (see col. 19, line 61 through col. 20, line 3), the printing device control information including network configuration information associated with a printing

device and a network that is operatively coupled to the printing device (see col. 21, lines 20-46); and selectively transmitting the printing device control information to at least printing device and wherein the wireless communication interface is not part of the network (see col. 21, lines 20-45); wherein maintaining the printing device control information in the wireless communication device further includes receiving the printing device control information from a computer operatively coupled to the wireless communication device (see col. 13, line 7 through col. 14, line 31).

In regard to claims 5, 15, Ito et al. disclose the claimed subjected matter as discussed above rejection except the teaching of wherein the wireless communication is selected from a group of wireless communication devices comprising a wireless telephone and a pager. However Luse et al. disclose wherein the wireless communication device is wireless telephone which bi-directionally communicate with the printer (see col. 2, lines 38-67). Therefore, it would have been obvious to a person of an ordinary skill in the art at the time the invention was made to have combined the teachings of Luse et al. into the teachings of Ito et al. because it would provide a wireless personal local area network for computer terminals and peripheral devices which is low cost, reliable and convenient to use.

In regard to claims 9, 19, Yoshiura et al. disclose wherein the user interface portion of the wireless telephone includes a display and a keypad (see col. 2, lines 38-67). Therefore, it would have been obvious to a person of an ordinary skill in the art at the time the invention was made to have combined the teachings of Luse et al. into the teachings of Ito et al. because it would provide a wireless personal

local area network for computer terminals and peripheral devices which is low cost, reliable and convenient to use.

### *Response to Amendment*

5. Applicant's arguments, see pages 8-11, filed on Feb 14, 2005, with respect to the rejection(s) of claim(s) 1-2, 5-12, 15-20 under 103 rejection have been fully considered and are persuasive. However, upon further consideration, a new ground(s) of rejection is made in view of Ito et al. and Luse et al.

### *Conclusion*

6. Claims 1-2, 5-12, 15-20 are rejected.

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for response to this final action is set to expire THREE MONTHS from the date of this action. In the event a first response is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event will the statutory period for response expire later than SIX MONTHS from the date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to examiner Raymond Phan, whose telephone number is (571) 272-3630. The examiner can normally be reached on Monday-Friday from 6:30AM- 4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's Primary, Paul Myers can be reached on (571) 272-3639 or via e-mail addressed to paul.myers@uspto.gov. The fax phone number for this Group is (703) 872-9306.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [raymond.phan@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive

information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any inquiry of a general nature or relating to the status of this application should be directed to the TC 2100 central telephone number is (571) 272-2100.

RP



PAUL R. MYERS  
PRIMARY EXAMINER

**Raymond Phan**  
4/16/2005